

SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

RULE 8061 -- PAVED AND UNPAVED ROADS

(Adopted November 15, 2001)

1.0 Purpose

The purpose of this rule is to limit fugitive dust emissions from paved and unpaved roads by implementing control measures and design criteria.

2.0 Applicability

This rule applies to any new or existing public or private paved or unpaved road, road construction project, or road modification project. The provisions of this rule shall be effective on and after May 15, 2002.

3.0 Definitions

The definitions of terms in Rule 8011 (General Requirements) shall apply to this rule.

4.0 Exemptions

In addition to the exemptions established in Rule 8011, the following exemptions are established for this Rule:

4.1 Any unpaved road segment with less than 75 vehicle trips for that day. If 75 vehicle trips for that day will be exceeded, an owner/operator shall comply with the applicable requirements of this Rule.

4.2 Maintenance and resurfacing of existing paved roads.

4.3 Agricultural sources subject to, or specifically exempt from, Rule 8081 (Agricultural Sources)

5.0 Requirements

In addition to the requirements of this rule, a person shall comply with all other applicable requirements of Regulation VIII.

5.1 New/Modified Paved Road

5.1.1 An owner/operator having jurisdiction over, or ownership of, public or private paved roads shall construct, or require to be constructed, all new or modified paved roads in conformance with the American Association of State Highway and Transportation Officials (AASHTO) guidelines for width of shoulders and median shoulders as specified below:

- 5.1.1.1 New paved roads or modifications to existing paved roads with projected average daily vehicle trips of 500 vehicles or more shall be constructed with paved shoulders that meet following widths:

Annual Average Daily Vehicle Trips	Minimum Paved or Stabilized Shoulder Width in Feet
500-3000	4
Greater than 3000	8

- 5.1.1.2 A curbing adjacent to and contiguous with the travel lane or paved shoulder of a road may be constructed, in lieu of meeting the paved shoulder width standard in Section 5.1.1.1.

- 5.1.1.3 Intersections, auxiliary entry lanes, and auxiliary exit lanes may be constructed adjacent to and contiguous with the roadway, in lieu of meeting the paved shoulder width standard in Section 5.1.1.1.

- 5.1.1.4 New paved road construction or modifications to an existing paved road that are required to comply with California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) determinations regarding environmental, cultural, archaeological, historical, or other considerations addressed in such documents, are exempt from the paved shoulder width requirements specified in Section 5.1 of this rule.

- 5.1.1.5 Whenever any paved road which has projected annual average daily vehicle trips of 500 or more is constructed, or modified with medians, the medians shall be constructed with paved shoulders having a minimum width of four feet adjacent to the traffic lanes unless:

- 5.1.1.5.1 The medians of roads having speed limits set at or below 45 miles per hour are constructed with curbing; or

- 5.1.1.5.2 The medians are landscaped and maintained with grass or other vegetative ground cover to comply with the definition of stabilized surface in Rule 8011.

- 5.1.2 In lieu of complying with the paving or vegetation requirements of Section 5.1.1, the agency, owner, or operator may apply oils or other chemical/organic suppressants/stabilizers as defined in Rule 8011 to the required width of shoulder and median areas as specified in Section 5.1.1.

The material shall be reapplied and maintained to limit VDE to 20% opacity and fulfill conditions for a stabilized surface as specified in Rule 8011.

5.2 Unpaved Road Segment

5.2.1. On each day that 75 or more vehicle trips will occur on an unpaved road segment, the owner/operator shall limit VDE to 20% opacity from the unpaved road segment by application and/or maintenance of at least one of the following control measures, or shall implement an APCO-approved Fugitive PM10 Management Plan as specified in Rule 8011 (General Requirements):

5.2.1.1 Watering;

5.2.1.2 Uniform layer of washed gravel;

5.2.1.3 Chemical/organic dust suppressant;

5.2.1.4 Vegetative materials;

5.2.1.5 Paving;

5.2.1.6 Any other method that effectively limits VDE to 20% opacity.

5.2.2 On each day that 100 or more vehicle trips will occur on an unpaved road segment, the owner/operator shall limit VDE to 20% opacity and comply with the requirements of a stabilized unpaved road surface by the application and/or maintenance of at least one of the following control measures, or shall implement an APCO-approved Fugitive PM10 Management Plan as specified in Rule 8011 (General Requirements):

5.2.2.1 Watering;

5.2.2.2 Chemical/organic stabilizers/suppressants in accordance with the manufacturer's specifications;

5.2.2.3 Roadmix;

5.2.2.4 Paving;

5.2.2.5 Any other method that results in a stabilized unpaved road surface.

6.0 Administrative Requirements

6.1 Test Methods

The applicable test methods specified in Rule 8011 shall be used to determine compliance with this rule.

6.2 Recordkeeping and Reporting

In addition to complying with the recordkeeping requirements specified in Rule 8011, city, county and state agencies responsible for the maintenance and operation of public paved and unpaved roads shall prepare and submit a written report to the District documenting compliance with the provisions of this rule. This report shall be prepared for the years 2001 and 2002, and no less frequently than each two (2) year period thereafter. The reports shall be transmitted to the District no later than 90 days after the end of the calendar year and shall include:

- 6.2.1 The total miles of paved and unpaved roads under the jurisdiction of the owner or agency and the miles of roads constructed or modified during the reporting period subject to the requirements of this regulation.
- 6.2.2 For newly constructed or modified roads, a summary of actions taken during the reporting period to prevent or mitigate PM10 emissions, with miles specified for each type of control measure used to reduce PM10 emissions.
- 6.2.3 For all road under the agency's jurisdiction, a summary of actions taken to reduce PM10 emissions from roads during the reporting period. Where possible, the total miles of roads for which these procedures were enforced and the estimated traffic volume on the affected roads shall be provided.
- 6.2.4 Other information that may be needed by the APCO for compliance with the United States Environmental Protection Agency's requirements.